

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18103
Application ID: 10065144
Title of Invention: A NOVEL FLUID SYSTEM HAVING
CONTROLLABLE REVERSIBLE
VISCOSITY
First Named Inventor: FRANK CHANG
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-20
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 56.0630
Digital Certificate Holder: cn=Thomas O. Mitchell, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: 9MvsL3YjT5dDRjn3iyOEJA==
Total Fees Authorized: \$824.0
Payment Category: DA - Deposit Account
Deposit Account Number: 41579
Deposit Account Name: THOMAS O MITCHELL





TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

56.0630

Submission Type: Utility Patent
Filing

A NOVEL FLUID SYSTEM HAVING CONTROLLABLE REVERSIBLE VISCOSITY

First Named Inventor: FRANK F CHANG

SUBMITTED BY

Name:	THOMAS O MITCHELL
Registration Number:	47,800
Electronic Signature Mark: /tm/	Date Signed: 20020920

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

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Attached Files:

declaration	Decla1.tif
declaration	Decla2.tif
fee-transmittal	submitfee.xml

specification
bibd-transmittal

lastres1.xml
submitapds.xml

Attached Image File(s):

Decla1.tif
Decla2.tif

Comments:

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration
Submitted
with Initial
Filing

OR

☐ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

56.0630

First Named Inventor

Frank Chang

COMPLETE IF KNOWN

Application Number

Filing Date

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A Novel Fluid System Having Controllable Reversible Viscosity

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims; as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56; including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/343,145	12/21/2002	

(Page 1 of 2)

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DECLARATION — Utility or Design Patent Application

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NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned invention.

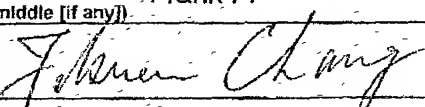
Given Name

Frank F.

Family Name

Chang

(first and middle [if any])

Inventor's
Signature

Date

Sep. 18, 2002

Residence: City

Sugar Land

State

TX

Country

USA

Citizenship

US

Mailing Address

Mailing Address 7215 Emerald Glen Drive

City

Sugar Land

State

TX

ZIP

77479

Country

USA

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned invention.

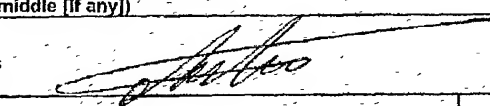
Given Name

Diankui

Family Name

Fu

(first and middle [if any])

Inventor's
Signature

Date

Residence: City

Missouri City

State

TX

Country

USA

Citizenship

US

Mailing Address

Mailing Address 1819 Brightlake Way

City

Missouri City

State

TX

ZIP

77459

Country

USA

☒ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

[Page 2 of 2]

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 824

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

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Deposit Account Name: SCHLUMBERGER TECHNOLOGY CORPORATION

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: THOMAS O MITCHELL

Electronic Signature Mark: Sitzmann1

Date Signed: 20020920

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 15	103	\$ 18	0	\$ 0
Independent Claims: 4	102	\$ 84	1	\$ 84

10065144, 10062902

Subtotal For Extra Claims Fees: \$ 84